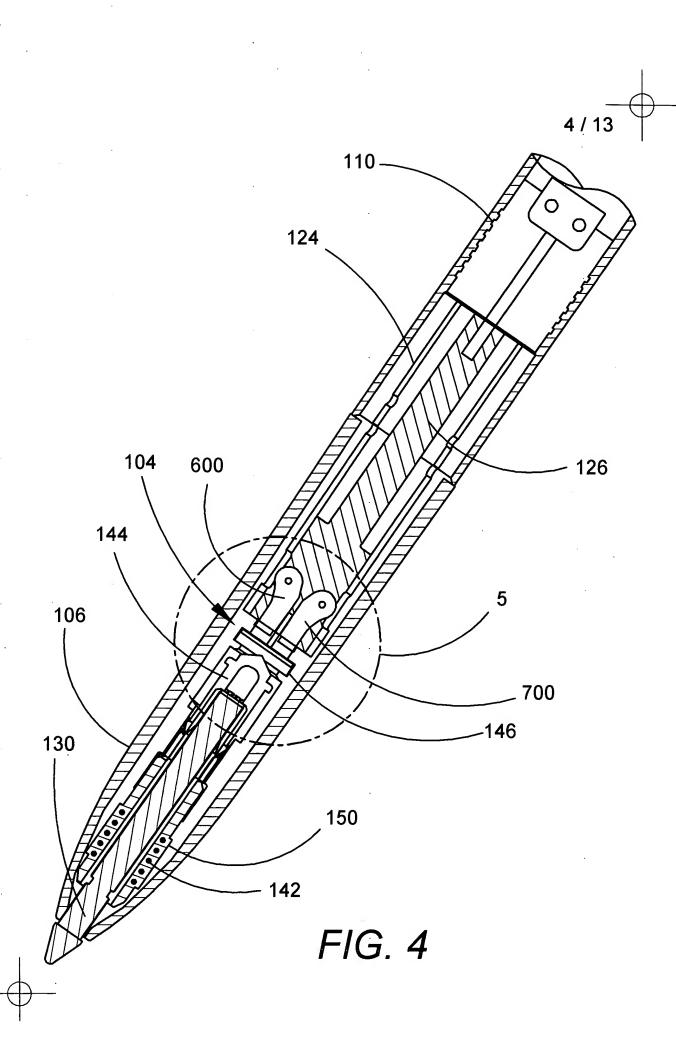


FIG. 3



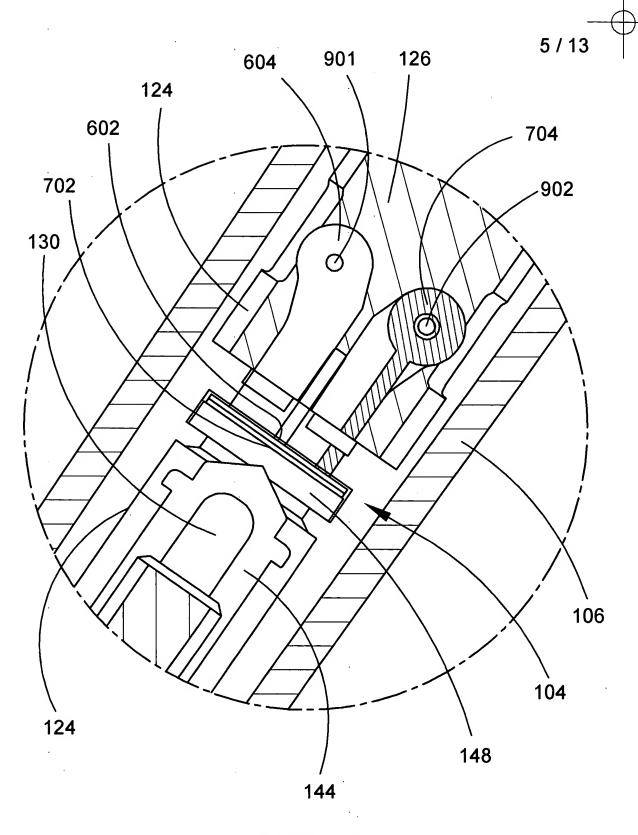
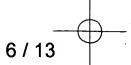


FIG. 5



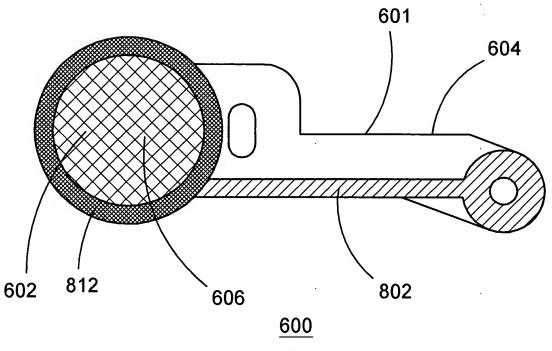


FIG. 6

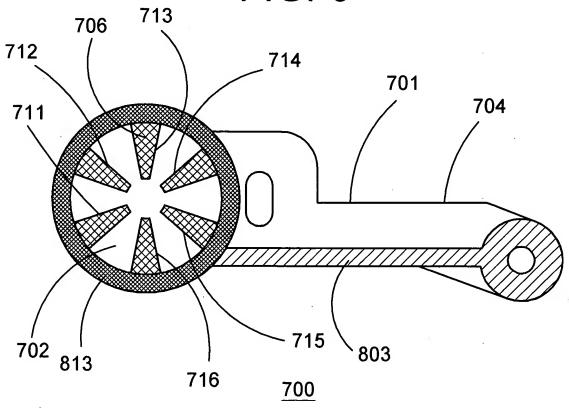
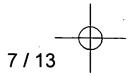


FIG. 7



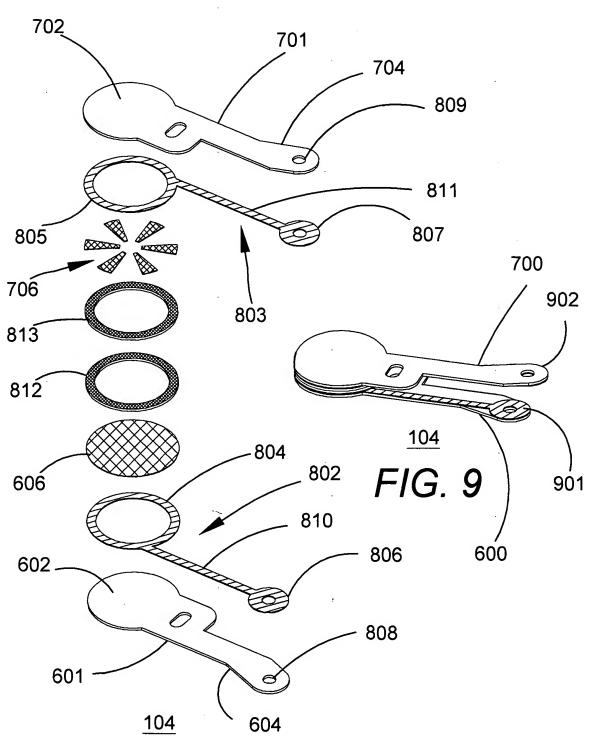
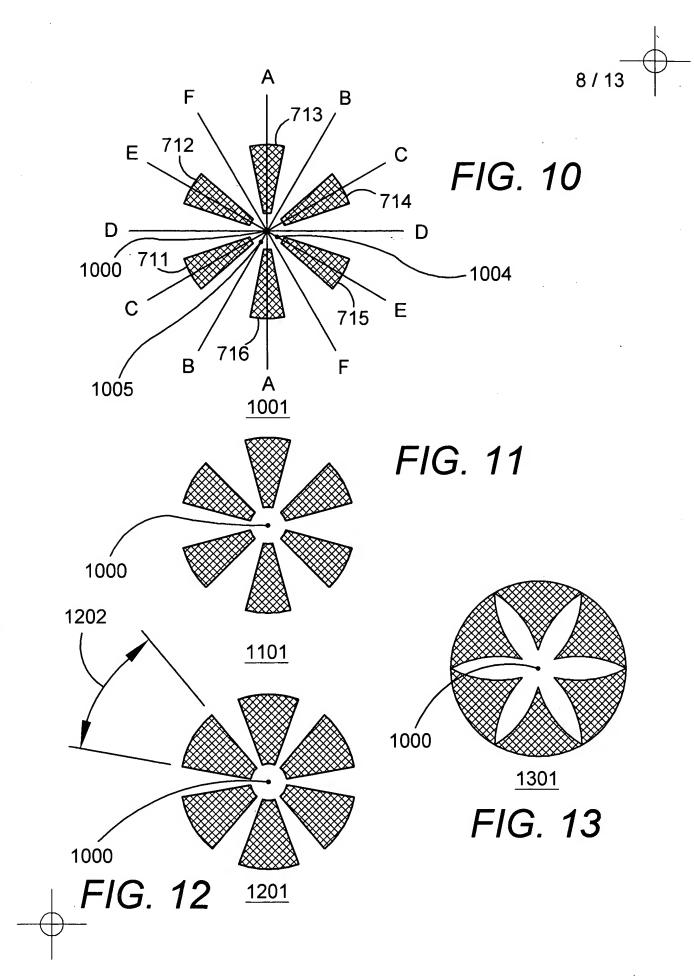
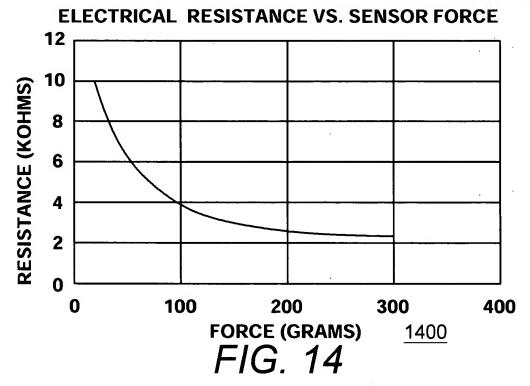


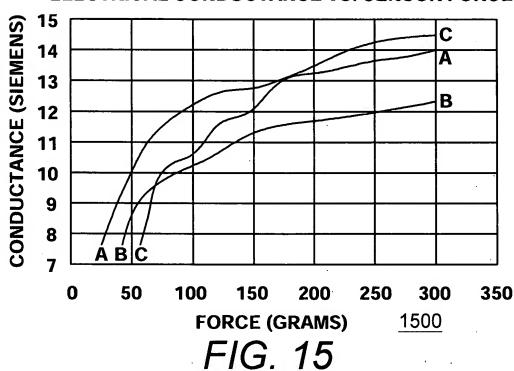
FIG. 8

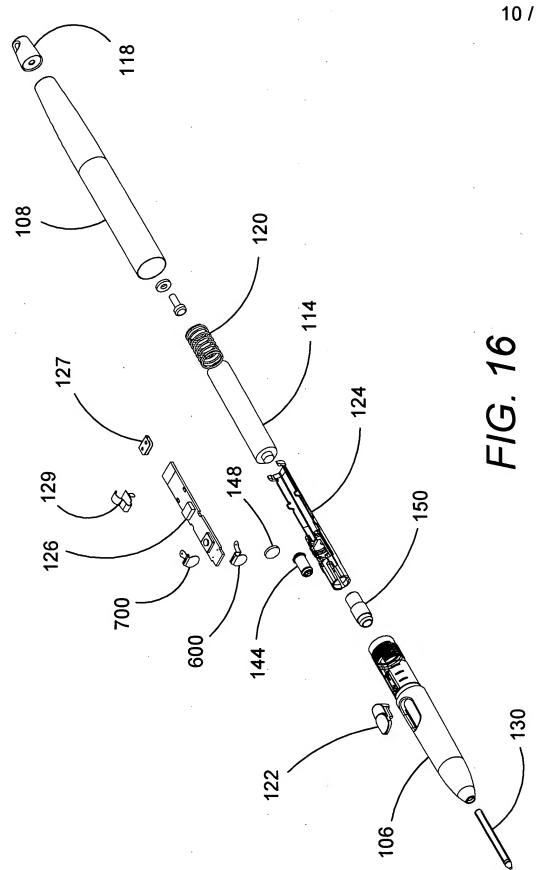


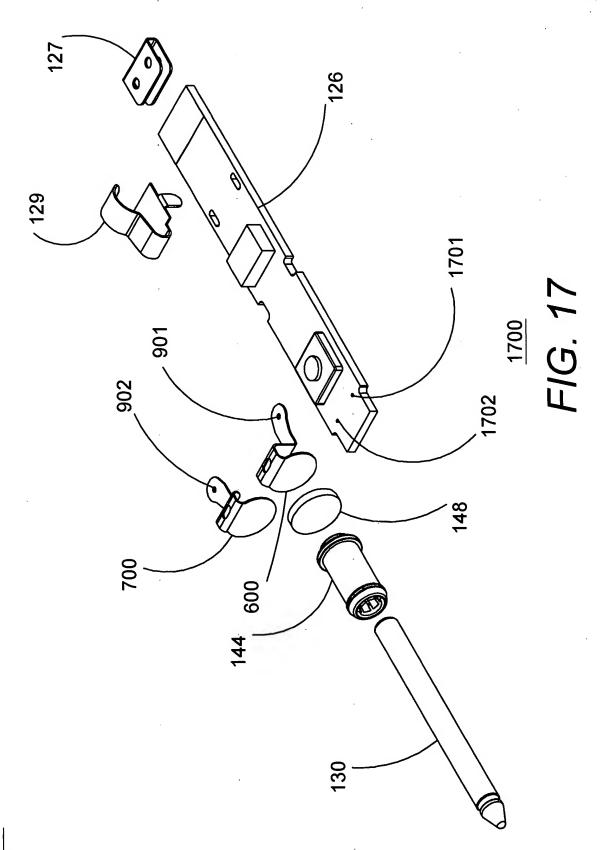
9 / 13



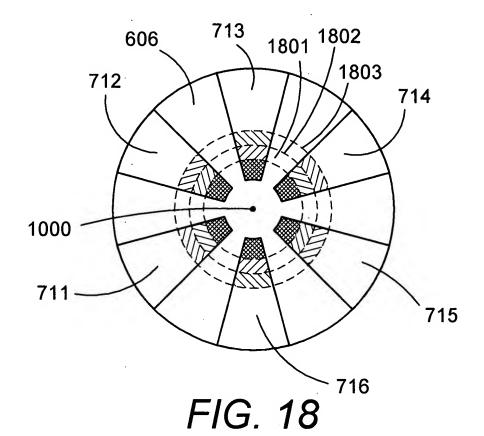
ELECTRICAL CONDUCTANCE VS. SENSOR FORCE

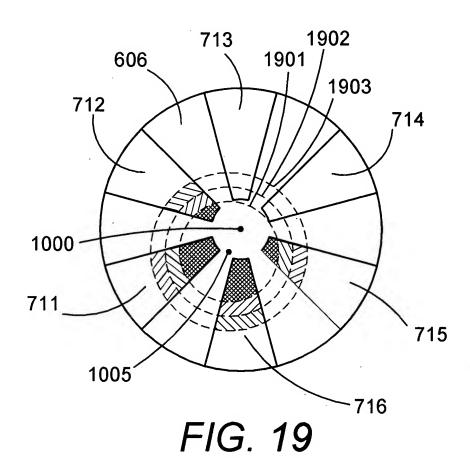












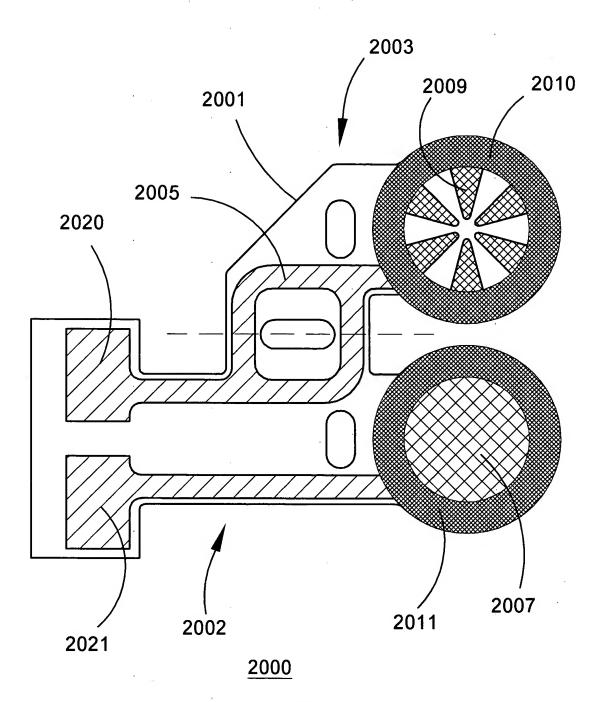


FIG. 20